

1. (Twice Amended) A method comprising:

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a client accessing a space service according to a schema for the space service, wherein the space service is operable to store one or more service advertisements in a space, wherein each of the service advertisements comprises information which is usable to access a corresponding service, and wherein the space service is configured to provide functions to manage or access the one or more service advertisements in the space, wherein the functions of the space service are invoked according to the schema for the space service which specifies one or more messages for invoking functions of the space service, and wherein the schema specifies messages usable to read advertisements from the space and publish advertisements in the space;

the client selecting one of the service advertisements from the space; and

the client using the information from the selected service advertisement to execute the corresponding service.

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4. (Amended) The method of claim 1,

wherein the schema is expressed in a data representation language.

B  
7. (Amended) The method of claim 1,

wherein the client accessing the space service comprises the client sending at least one of the messages specified in the schema to the space service.

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16. (Amended) The system of claim 14,

by  
wherein the client is operable to access the space service by sending the one or more messages to the space service at a URI.

17. (Amended) The system of claim 14,

wherein the schema is expressed in a data representation language.

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19. (Amended) The system of claim 14,

wherein the schema specifies messages usable to read advertisements from the space service and publish advertisements in the space service.

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26. (Twice Amended) A carrier medium comprising program instructions which are computer-executable to implement:

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a client accessing a space service according to a schema for the space service, wherein the space service is operable to store one or more service advertisements in a space, wherein each of the service advertisements comprises information which is usable to access a corresponding service, and wherein the space service is configured to provide functions to manage or access the one or more service advertisements in the space, wherein the functions of the space service are invoked according to the schema for the space service which specifies one or more messages for invoking functions of the space service, and wherein the schema specifies messages usable to read advertisements from the space and publish advertisements in the space;

the client selecting one of the service advertisements from the space; and

the client using the information from the selected service advertisement to execute the corresponding service.

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